



705 South River Road
West Lafayette, IN 47906
Street / Sanitation / Recycling

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April 15, 2011

Memo

TO: Mayor Dennis and West Lafayette Board of Works
FROM: David A. Downey, Street Commissioner
RE: Refuse Truck Bids Received February 18, 2011, Opened February 22, 2011

In February the City received bids for a new 2011 sanitation truck. Bids were received from Best Equipment of Indianapolis and Pyramid Equipment of Rolling Prairie, Indiana. Bids were:

Best (does not meet specifications)	\$174,512.00
Pyramid (A) (does not meet specifications)	\$178,655.00
Pyramid (B) (meets specifications)	\$181,165.00
Pyramid (C) (meets specifications)	\$182,989.00

Best's bid lists twelve exceptions to the body specifications. Pyramid's option A lists exceptions to the engine specifications. Pyramid's option B lists exceptions to the transmissions specifications due to better compatibility with the engine torque. Pyramid's option C lists exceptions to the engine specifications.

The lowest bid that meets specifications is the bid from Pyramid Equipment Company option B for \$181,165.00. This bid meets all chassis specifications and the transmission exception is the best selection for the engine horse power and engine torque.

It is requested to increase the bid of \$181,165.00 for additional equipment by \$2,442.00 for the following:

1. Hood insulation	\$167.00
2. Horton fan drive	\$530.00
3. Heated windshield	\$515.00
4. Dash mounted PTO	\$900.00
5. Transmission internal mount	<u>\$330.00</u>
	\$2442.00
Total	\$183,607.00

	Specifications	Model GS 8133 D	KANN Curb Master
Body Construction:			
Floor	3/16" AR 400	3/16"	3/16"
Roof	10 ga.	10 ga.	14 ga.
Sides	10 ga.	10 ga.	12 ga.
Hopper Construction			
Floor	3/16" AR 400	3/16" AR400	1/4" AR 400
Sides	3/16" AR 400	3/16" AR 400	10 ga.
Shell		14 ga. (wrap)	11 ga.
Tailgate		12 ga.	11-14 ga.
Tailgate Capacity 8.2 cu yd.			
Hopper Size		4.8 cu.yd.	3 cu.yd.
Displacement		2.6 cu.yd (Fillable capacity blade in extended position)	1.75 cu.yd.
Hopper opening		84 x 72	N/A
Loading Troughs:			
Size	1 1/2 cu.yd.	72" x 24"	69" x 18"
Capacity	72' x 24'	1.5 cu.yd.	1.0 cu.yd.
Material		10 ga.	14 ga.
Lift Capacity	2500 lbs.	2500 lbs. w/2-1	1260 lbs.
Lift Arms		cushions rod & base ends	
Body height above Chassis trough down	102"	102 "	100"
Body height above Chassis tough up 112"		112"	144"
Body Width	102"		
Hydraulics:			
Pack cylinder		(1) 6" single	(2) 5" single
Eject cylinder		(2) 3" single	(1) 5 1/2" telescope
Tailgate cylinder (2) 2 1/2"		(2) 2 1/2" single	(2) 3"
Trough lift cylinder		(1) 4" single	(2) 2 1/2"
PTO/pump		19 gpm/Hot shift or Front mount	front mount 42 gpm
Oil Reservoir		30 gal.	60 gal.
System pressure		2500 psi	2500 psi
Operation		Troughs operate @ idle Packer runs continuous @ idle	
Filtration filter		High pressure filter	10 micron in-line return
Suction strainer		10 micron pressure line Filter (100% flow filtered) 100 – mesh oil strainer 100 mesh suction In hyd. System suction line- strainer (must drain tank Serviceable w/o draining to service) System reservoir	
Compaction penetration			
In to body		18"	8"
Body length		281"	289"